Technical data MG70

Height (mm/in)	600/25
Diameter (mm/in)	300/12
Weight (kg/lb) incl transformer	11/24
Noise level dB(A)	42
Voltage (volt DC)	15-30
Power (watt)	44
Suction capacity (m/h/CFM)	35-70/20-42
Micro Filter - Separation degree, DOP	>99.97%
Gas Filter	Yes
Filter indicator	Yes
Warranty (except for filters), year	1
IVL report No:	L96/57 and A99144
ESD approval, SP Dnr:	230-97-0371

Order No

	Order No
Filter unit MG70	700-1000-ESD

Replacement filters and accessories

Article	Order No
Micro Filter MG70	700-2000-ESD
Gas Filter MG70	700-2001-ESD
Flexible Suction Arm MG604 (with accesories)	700-3000-ESD
Mobile unit	700-3201-ESD

勝 特 力 材 料 886-3-5753170
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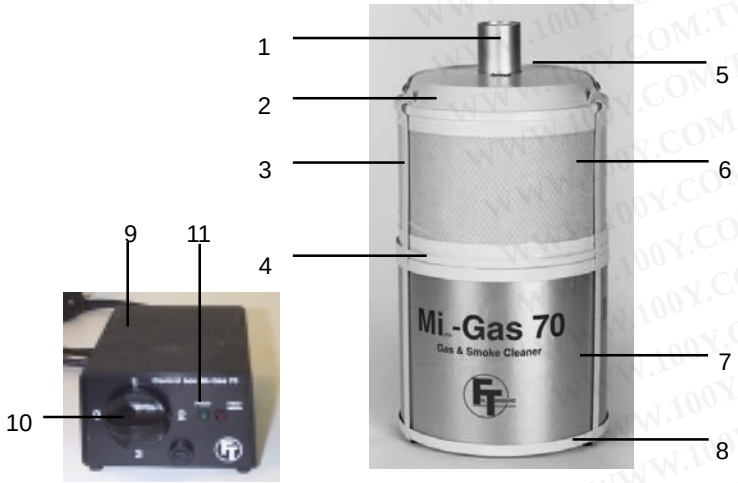
Http://www.100y.com.tw

OPERATING INSTRUCTIONS

Version 2

MG70
Filter unit
for extraction of fumes and gas



1	Hose connection	6	Gas Filter
2	Cover	7	Particle Filter
3	Spring clips, 3 pcs	8	Base plate
4	Fan housing	9	Control box
5	Electrical connection, 24 volt DC, for the control box	10	Power control
		11	Filter indicator

Function

MG70 is a filter unit for filtration of both particles and gases. The unit can be used for filtration of process air from soldering, glueing, cleaning processes, printing processes etc.

The unit is designed for connection to a suction arm but can also be connected to other types of suction nozzles and hoods. The suction capacity can be adjusted in three different steps.

The highly efficient and reliable filter system guarantees a high separation degree which allows recirculation of the cleaned process air.

OPERATING INSTRUCTIONS MG70

Installation

MG70 is delivered with a transformer (control box) equipped with airflow regulator, filter indicator and 1 metre hose for connection to a suction nozzle.

Control box and hose are packed inside the gas filter.

1. Loosen the three spring clips. Remove the cover. Take out the control box, the hose and the tie-wraps.
2. Lift up the gas filter and remove the plastic protection film around the filter.
3. Put the gas filter back in place.
4. Put the plug from the electric cable in the lid in the fan part below the gas filter. Make sure the plugs are in the correct position. Re-assemble the lid.
5. Connect the cable from the control box to 230V 50Hz and the DIN-plug to the connection in the cover on the top of the unit.
6. Check that the airflow control switch is working by turning the switch from 0-3-2-1. The maximum capacity is step 3, the lowest capacity is step 1. At step 0 the unit is turned off.
7. Install the hose between the unit and the suction arm (nozzle).

The unit must not be exposed to temperatures exceeding 50° Celsius, open flames or condensated solvents.

Maintenance and filter change

The gas filter should be replaced once a year or earlier if there are bad smells coming through the filter.

The particle filter is controlled by an autocomparative pressure switch which is connected to a lamp that indicates when the filter has to be replaced.

To replace the particle filter you have to remove the cover, the gas filter, the fan housing and then the particle filter which consists of the whole bottom cylinder except the base plate in which the spring clips are fixed. After having replaced the particle filter, re-assemble the unit in reverse order.

The new filter has to be marked with the date of change.

Used filters are to be treated as industrial waste according to local regulations.

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